

## **CLAIMS**

We claim:

1. An assembly for housing a computer system, wherein the assembly comprises:
  - 5 a) a housing, wherein the housing comprises a plurality of railings;
  - b) a plurality of computer modules attached to the housing railings, wherein the modules are integrated to form the computer system; and,
  - c) a power supply, wherein the power supply provides power and ground to the railings.
- 10 2. The housing assembly of claim 1, wherein the housing is open to the environment.
3. The housing assembly of claim 1, wherein the assembly includes one, two or three layers.
4. The housing assembly of claim 1, wherein the housing does not require a  
15 compact Motherboard-CPU configuration.
5. The housing assembly of claim 1, wherein the assembly is constructed as separate segments that can be joined together to act as one unit.

6. The housing assembly of claim 1, wherein the assembly is cylindrical in shape.

7. The housing assembly of claim 1, wherein the housing further comprises a plurality of columns, and wherein the columns are coupled to the railings.

5 8. The housing assembly of claim 1, wherein the computer modules are attached by hanging the computer modules from the railings.

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~~10.~~ The housing assembly of claim 1, wherein the power supply comprises a first stage and a second stage, and wherein the first stage converts a first voltage that is converted into a second voltage, and wherein the second voltage is provided to the second  
10 stage, and wherein the second stage creates a third voltage that is suitable for the circuit board from the second voltage.

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~~11.~~ The housing assembly of claim 1, wherein the assembly further comprises a connection kit.

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~~12.~~ The housing assembly of claim 4, wherein the assembly includes two  
15 layers.

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~~13.~~ The housing assembly of claim 5, wherein the assembly is constructed as four separate segments that can be joined together to act as one unit.

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~~14.~~ The housing assembly of claim 6, wherein the assembly is constructed as

four separate segments that can be joined together to act as one unit.

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~~15.~~ The housing assembly of claim 8, wherein the computer modules are hung

using a frame that is structurally connected to the modules.

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5 ~~16.~~ The housing assembly of claim 14, wherein each separate segment is self-

sufficient.

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~~17.~~ The housing assembly of claim 15, wherein the computer modules do not

include a case.

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~~18.~~ The housing assembly of claim 14, wherein each separate segment

10 comprises a cooling system, and wherein the cooling system is a single fan.

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~~19.~~ The housing assembly of claim 10, wherein the first stage is the only part

of the power supply that provides power to the rails.

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~~20.~~ The housing assembly of claim 10, wherein the second stage is activated

by a signal coming from a motherboard.

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